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Title

Tablet formulation for antibiotics, improving disintegration in water - is composed of compacted granulates contg. medicament and opt. intra-granular disintegrant compacted with extra-granular disintegrant

Patent Data

Patent Family

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Abstract

Basic Abstract

WO9219227 A The tablet has structure comprising compacted granulates (a) at least one compacted medicament; together with (b) an opt. intra-granular disintegrant. The granulates are compacted together into a tablet form together with an extra-granular disintegrant and opt. an extra-granular lubricant, provided that, if a lubricant is present, the amt. used is less than 0.5% by wt. of the tablet.

USE/ADVANTAGE - The formulation is for oral medicaments, in partic. beta-lactam antibiotics, esp. amoxycillin, opt. in combination with a beta-lactamase inhibitor. The formulation avoids problems with hygroscopic materials e.g. clavulanic acid inhibitor and mfr. is facilitated, together with wettability and disintegration in water, assisted by the disintegrant, (b). High proportions of medicament can be used also, reducing tablet size. The formulation as above is used in the treatment of bacterial infections h (Dwg.0/0)

US Equiv.

US6110497 A The tablet has structure comprising compacted granulates (a) at least one compacted medicament; together with (b) an opt. intra-granular disintegrant. The granulates are compacted together into a tablet form together with an extra-granular disintegrant and opt. an extra-granular lubricant, provided that, if a lubricant is present, the amt. used is less than 0.5% by wt. of the tablet.

USE/ADVANTAGE - The formulation is for oral medicaments, in partic. beta-lactam antibiotics, esp. amoxycillin, opt. in combination with a beta-lactamase inhibitor. The formulation avoids problems with hygroscopic materials e.g. clavulanic acid inhibitor and mfr. is facilitated, together with wettability and disintegration in water, assisted by the disintegrant, (b). High proportions of medicament can be used also, reducing tablet size. The formulation as above is used in the treatment of bacterial infections h

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IPC

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A61K-047/34 A61K-047/36 A61P-031/04

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2001-10; 2001-24; 2001-43; 2001-58; 2002-06; 2002-13; 2002-24; 2002-33; 2002-40; 2003-11; 2003-27; 2003-37;
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